

# MIG-PAK® 140MP® Multiprocess Welder

## Processes

MIG, Flux-Cored, Stick, DC TIG, Aluminum with a Spool Gun

## Product Number

K3821-1

## Input Power

120/1/60

## Input Current at Rated Output

20 A

## Rated Output Current/Voltage/Duty Cycle

95 A / 18.75 V @ 60% MIG

115 A / 14.6 V @ 60% TIG

80 A / 23.2 V @ 60% Stick

## Output Range

30 - 140 A MIG

25 - 90 A Stick

10 - 120 A TIG

40-500 WFS (1.3-12.7 m/min)

## Weight/Dimensions (H x W x D)

34.5 lbs. (15.6 kg)

13.6 x 8.9 x 18.1 in.

(345 x 224 x 460 mm)

## Multiprocess Wirefeeder Welder

This Lincoln Electric MIG-PAK® 140MP® lightweight and portable welder connects to 120 volt power and is an excellent choice for MIG, STICK, Spool Gun, Flux-Cored, or TIG welding. The intuitive user interface, easy setup, and full list of accessories permits welding in no-time.

## BENEFITS

### ► MIG

- Wide 30-140 amp welding output for MIG, FCAW and Spool Gun allows for welding on 24 to 5/16 material.
- Durable cast aluminum gear box delivers added torque and quiet operation, and brass-to-brass gun connection enhances conductivity.
- Smooth arc starts and a forgiving arc makes dialing in your application easy.

### ► TIG

- The wide 10-120 amp range permits welding on thin and thick steel and stainless.
- Weld with or without a foot pedal, the machine will automatically detect and configure when a foot pedal is connected.
- Easy arc starts and optional patent pending TIG torch assembly eliminate the need for a manually controlled gas valve.

### ► STICK

- Smooth arc starts prevent sticking.
- Heavy duty electrode holder and cable included.
- Great for repair.

## APPLICATIONS

- Shop
- Farm
- Home
- Autobody



Shown K3821-1

## WHAT'S INCLUDED

### Gun

- Magnum® PRO 100L gun and 10 ft. (3.0 m) cable assembly with brass connection and 8-pin trigger connector (K530-7).
- .025 in. (0.6 mm) tapered contact tips (Qty 3) (KH83)
- .035 in. (0.9 mm) tapered contact tips (Qty. 3) (KH831)
- Gasless nozzle for Innershield® welding (KH836)
- Gas nozzle for MIG welding (KH835)
- Spindle adapter for 8 in. (203 mm) diameter spools (KH720)
- .025 - .035 in. (0.6 - 0.9 mm) wire diameter dual track drive roll for MIG and flux-cored welding (KP2948-1)

### Shielding Gas Apparatus

- Harris® 3000290 Gas Regulator (S25805) and 52 in. (1.3 m) hose (S19303) for use with Ar/CO<sub>2</sub> blend gases. For use with CO<sub>2</sub> shielding gas, order a Lincoln Electric S19298 CO<sub>2</sub> shielding gas bottle adapter.

### Welding Wire

- Sample spool of .025 in. (0.6 mm) diameter SuperArc® L-56® premium MIG wire
- Sample spool of .035 in. (0.9 mm) diameter Innershield® NR®-211-MP flux-cored wire

## INPUT



120 V  
INPUT

## OUTPUT



Two Year Extended  
Warranty Available in  
the U.S.A. and Canada.

## Other

- Work clamp and 10 ft. (3.0 m) cable
- Instruction manual
- Quick Start guide
- Electrode holder with 10 ft. cable for stick welding



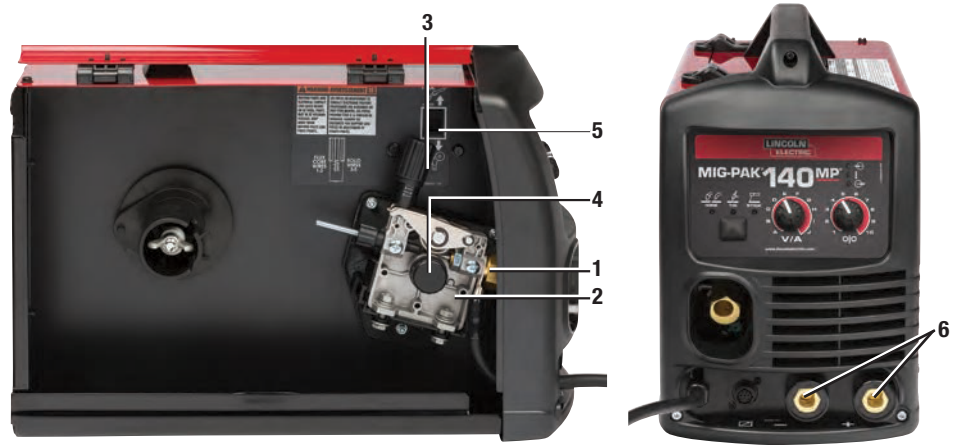
## HEAVY DUTY WIRE DRIVE – ENHANCED QUALITY AND EASY TO USE

### Enhanced Quality

1. Brass-to-brass gun connection enhances conductivity.
2. Rigid drive aids wire alignment. The cast aluminum body with an enclosed multi-stage gear box delivers improved torque and quiet operation.

### Easy to Use

3. Easy-turn drive tension adjustment with numeric tension indicators.
4. Fast tool-less drive roll changeovers. The dual track drive roll ensures positive flux-cored wire feeding with common wire diameters.
5. Spool gun ready switch allows user to select spool gun or standard push gun drive operation.
6. Oversized twist connectors for durability.



## PERFORMANCE PLUS

Process	Wire Dia. (in.)	24ga.	22ga.	20ga.	18ga.	16ga.	14ga.	12ga.	10ga.	3/16"	1/4"	5/16"
Flux-Cored Welding – Steel	.030											
	.035											
MIG Welding – Steel	.025											
	.030											
	.035											
MIG Welding – Aluminum <sup>(1)</sup>	.035											

<sup>(1)</sup> Aluminum welding requires optional K4360-1 Magnum® PRO spool gun.

SP - Single Pass  
MP - Multiple Pass

### DRIVE ROLLS

Product Number	Wire Diameter in. (mm)	Process
KP2948-1	.025-.035 (0.6-0.9)	MIG/Flux-Cored
KP3285-1	.035-.045 (0.9-1.1)	Flux-Cored

## RECOMMENDED ACCESSORIES

### GENERAL OPTIONS



#### Welding Cart

Full-featured cart is designed to store and transport a welder, 80 cubic foot gas cylinder, welding cable and accessories. Includes an angled top shelf for easy access to welder controls, a lower tray for added storage space, a sturdy handle also used as a convenient cable wrap hanger.

Order K2275-3



#### Small Canvas Cover

Protect your welder when not in use. Made from attractive red canvas that is flame retardant, mildew resistant and water repellent. Includes a convenient side pocket to hold your welding torch or gun.

Order KH495



#### PTA 9 TIG Torch Assembly

The PTA 9 TIG welding torch is used for a variety of applications in aerospace, education, motorsports, power plant construction, job shops, tool and die work, construction sites and production plants. Light and easy to use, this torch gives you the power of maximum versatility and maneuverability.

Order K1782-16



#### Foot Amptrol

Used in combination with the K1782-16 TIG torch assembly, this foot based controller provides variable current control while welding. Fully raising the pedal finishes the weld and starts the after-flow cycle.

Order K4361-1



### WIRE FEEDER OPTIONS

#### Magnum® PRO 100SG Spool Gun

Designed to easily feed 4 in. (102 mm) diameter 1lb (0.45kg) spools of 0.030 in. (0.8 mm) or 0.035 in. (0.9 mm) diameter SuperGlaze aluminum MIG wire. Includes gun, adapter kit, 0.35 in. (0.9 mm) contact tips (qty. 3), gas nozzle, and a 1lb. (0.45 kg) spool of SuperGlaze 4043 0.035 in. (0.9 mm) MIG wire. Packaged in a convenient carry case. This spool gun is specially made for the MIG-PAK 140MP, and is not interchangeable with other machines or accessories.

Order K4360-1

## PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current/Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D inches (mm)	Net Weight lbs. (kg)
MIG-PAK 140MP	K3821-1	120/1/60	95 A / 18.75 V / 60% MIG 115 A / 14.6 V / 60% TIG 80 A / 23.2 V / 60% Stick	20A	30-140 Amps DC MIG 25-90 Amps Stick 10-120 Amps TIG 40-500 ipm WFS	13.6 x 8.9 x 18.1 in. (345 x 224 x 460mm)	34.5 (15.6)

For best welding results with Lincoln Electric equipment, always use Lincoln Electric consumables.  
Visit [www.lincolnelectric.com](http://www.lincolnelectric.com) for more details.

## CUSTOMER ASSISTANCE POLICY

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THE WELDING EXPERTS®